REMARKS/ARGUMENTS

Claims 1-22 remain in this application. Claims 1, 9 and 17 have been amended.

The Examiner has acknowledged that claims 15 and 16 are directed to allowable subject matter if rewritten to overcome the rejection under 35 U.S.C 11, 2nd paragraph. Applicant thanks the Examiner for indicating such allowable subject matter.

Claims 9, 15 and 16

Claims 15 and 16 were canceled and their contents were placed in claim 9. As such, Applicant believes claim 9, as well as the claims that depend from it, are in condition for allowance.

Claim 1

Currently amended claim 1 discloses a packet router that supports multi-time scale resource management, comprising:

a management agent ("MA") that manages a differentiated services policy information database operable to store policies on forwarding packets in the packet router;

a resource server system ("RSS") that controls forwarding of packets in the packet router based on adaptive selections of policies from the policy information database;

a flow measurement system ("FMS") that monitors packet flows through the packet router and generates statistic reports which affect the RSS selection of control;

wherein the FMS includes:

a dynamic component for controlling adaptation of the packet router to dynamic service requirements and resource conditions, wherein the dynamic component further comprises:

a monitor resource controller for receiving adaptive selections of policies from the policy information database and for distributing the generated statistics reports; and

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a monitor resource abstraction library that functions as a real-time monitor executive and generates the statistics reports; and

a hardware forwarding engine ("HFE") that receives and forwards packets in response to the RSS controls.

These added limitations were found in claims 15 and 16 which the Examiner believes are directed to allowable subject matter. As such, Applicant believes claim 1, as well as the claims that depend from it, are in condition for allowance.

Claim 17

Currently amended claim 17 discloses a method of providing multi-time scale resource management in a packet router, the method comprising:

managing a differentiated services policy information database that stores policies on forwarding packets in the packet router;

controlling forwarding of packets in the packet router based on adaptive selections of policies from the policy information database;

monitoring packet flows through the packet router;

generating statistic reports that affect the forwarding of packets in the packet router;

controlling adaptation of the packet router to dynamic service requirements and resource conditions;

receiving adaptive selections of policies from the policy information database and for distributing the generated statistics reports; and

receiving and forwarding packets in response to the forwarding of packets in the packet router.

These added limitations were found in claims 15 and 16 which the Examiner believes are directed to allowable subject matter. As such, Applicant believes claim 1, as well as the claims that depend from it, are in condition for allowance.
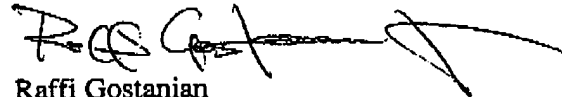
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It is believed that the foregoing amendment places the Application in condition for allowance; therefore, Applicant respectfully requests withdrawal of the Examiner's rejection of claims 1-14 and 17-22 as set forth in paragraph 7 of the Office Action, and full allowance of same. Should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned to expeditiously resolve any outstanding issues.

Respectfully submitted,

ALCATEL LUCENT

Dated: 01/07/2008

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